

IN THE ABSTRACT:

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ABSTRACT OF THE DISCLOSURE

An agricultural wheel tire has a tire tread having first and second lateral edges defining the width of the tire tread, and two sets of lugs. Each lug of the first set extends from an approximate center of the tread width and terminates at the first lateral edge of the tire tread. Each lug of the second set extends from the approximate center of the tread width and terminates at the second lateral edge of the tire tread. The first and second sets of lugs extend in an alternating manner in a circumferential direction of the tire tread so that corresponding side and end surfaces of adjacent first and second lugs form generally spherical-shaped depressed portions of the tire tread. The spherical-shaped depressed portions are arranged in the circumferential direction of the tire tread so that when the wheel tire is driven on soft soil, the spherical-shaped depressed portions engage and are buried in the soft soil and the soft soil is gathered inward of the spherical-shaped depressed portions and gradually hardened so that soft soil located between and surrounding the adjacent first and second lugs increases in hardness to thereby prevent the wheel tire from sinking into the soft soil so that the wheel tire has sufficient driving force.